



Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

U.S. Army Soldier and Biological Chemical Command

# GRENADE, LAUNCHER, SMOKE: Screening, TA, M90

**Description:** The M90 Grenade is a soft launched, nonfragmenting, pyrotechnic smoke dispenser. It is compatible with presently fielded 66 mm smoke grenade launchers. A salvo of four grenades conceals the host vehicle by producing an obscurant screen between the threat weapon and the host vehicle.

## **Background/Status:**

The M90 Grenade was Type Classified Standard in Aug 97 and production began in FY98.

Full Material Release was approved 1 Mar 00.

NSN: 1330-01-449-9600, DODAC: 1330-GG03

## **Characteristics:**

- Obscures in the Visual and Near IR Portions of the Electromagnetic Spectrum
- Ejectable Grenade; 66 mm Compatible
- Nonfragmenting; Pyrotechnically Disseminated
- Low Toxicity and Environmentally Safe
- Effective Cloud Characteristics:
  - Deployment Time: 6 seconds
  - Deployment Range: 35 meters
  - Cloud Height: 2 meters
  - Cloud Width: 35 meters
  - Cloud Duration: 20 seconds
- Physical Characteristics:
  - Length: 225 mm (9.87")
  - Diameter: 66 mm (2.6")
  - Weight: 1.12 kg (2.47 lb)
  - Fill: Terephthalic Acid



For additional information, please contact Product Manager-Obscuration and Decontamination Systems, ATTN: AMSSB-PM-RNN-O, Aberdeen Proving Ground, MD 21010-5424. The Product Manager can also be contacted by E-mail ([pm.ods@sbccom.apgea.army.mil](mailto:pm.ods@sbccom.apgea.army.mil)) or by telephone at (410) 436-2804 or DSN 584-2804.